

## ABSTRACT

The present invention relates to a tool and a method for constructing a software application from a model representation. The method first involves reading the model representation before identifying in the model representation a plurality of software modules.

5 The method then identifies a programming language for each one of the plurality of software modules. After identification of the different programming languages, the method compiles each one of the plurality of software modules into machine language using a software compiler. It is to be noted that the software compiler corresponds to the identified programming language. The methods finally links the compiled plurality of software modules

10 into the software application. The tool comprises an interpreting module for identifying a plurality of programming languages in a source code listing and a calling module for compiling the source code listing into machine language.